

In the Claims:

1.(currently amended) A fall restraint system to be used for a ladder system, where the ladder system ~~which~~ comprises~~[[:]]~~ a platform, a ladder extending upwardly from said platform, a safety cage extending around said ladder and having a cage element located at a first elevation above said platform, a guard rail extending at least partly around said platform and having a rail element positioned at an elevation above said platform and below said cage element so that there is an open region located between said rail element and said cage element, said fall restraint system comprising:

- a) ~~— a platform~~
- b) ~~— a ladder extending upwardly from said platform:~~
- c) ~~— a safety cage extending around said ladder and having a cage element located at a first elevation above said platform:~~
- d) ~~— a guard rail extending at least partly around said platform and having a rail element positioned at an elevation above said platform and below said cage element so that there is an open region located between said rail element and said cage element,~~

~~— said fall restraint system comprising~~

- a) a plurality of restraint sections located at spaced locations at said open region, each restraint section comprising:
 - i) an elongate restraint component having first and second end portions and arranged to be positioned between said cage element and said rail element~~[[:]]~~;

- ii) a rail connecting component arranged to mechanically attach the first end portion of the restraint component to the rail element[[.]];
 - iii) a cage connecting component arranged to mechanically attach the second end of the portion of the restraint component to the cage element.
- b) said restraint component being arranged to be able to be extended or retracted to enable it to be joined to the cage element and rail element so that when the rail element and the cage element are at different positions relative to one another, the restraint section can be extended or retracted as needed to made a proper connection to said rail element and said cage element.

2.(currently amended) The restraint system as recited in Claim 1 wherein the each restraint section comprises:

- a) a generally vertical first restraint section having a substantial vertical alignment component and being adapted to be connected to said rail element so as to extend upwardly therefrom;
- b) a generally horizontal second restraint section having a substantial horizontal alignment component and adapted to be connected between an upper portion of said first restraint ~~portion~~ section and to extend to said cage element and be connected thereto.

3.(original) The restraint system as recited in Claim 2, wherein said first restraint section is arranged to be extendable and retractable along a first lengthwise axis having a substantial vertical alignment component.

4.(currently amended) The restraint system as recited in Claim 3, wherein second restraint section is arranged to be positioned at different angular positions extending between the first restraint ~~portion~~ section and the cage element.

5.(currently amended) The restraint system as recited in Claim 2, wherein said generally vertical first restraint section comprises a rail engaging portion and ~~an adjustable portion~~ a vertically adjustable upper connecting portion adapted to be connected to said second restraint section at different elevations.

6.(currently amended) The restraint system as recited in Claim 5, wherein said vertically adjustable upper connecting portion comprises an elongate extension portion; and said rail engaging ~~portion~~ restraint section has an upwardly extending restraint portion, said elongate extension portion and said upwardly extending restraint portion being arranged to be adjacent and in alignment with one another so as to be extendable and retractable relative to one another.

7.(original) The restraint system as recited in Claim 6, wherein said rail connecting component is adapted to be rigidly connected to said rail element and also rigidly connected to said upwardly extending restraint

portion, so that said upwardly extending restraint portion is able to be fixed in an upwardly extending restraint position.

8.(currently amended) The restraint system as recited in system ~~[[7]]~~ 5, wherein said vertically adjustable upper connecting portion is arranged to be fixedly connected to the rail engaging portion so that a location of the vertically adjustable upper connecting portion ~~of the adjustable portion~~ can be fixed, said second restraint section having a first connection portion that connects to the vertically adjustable upper connecting portion ~~of the adjustable portion~~ in a manner that its angular location in a horizontal plane can be changed.

9.(currently amended) The system as recited in Claim 8, wherein said second restraint section has a second connection portion connecting to said cage connecting component that permits change of angular position of said second restraint section relative to said cage connecting component.

10.(currently amended) The system as recited in Claim 9, wherein said second restraint section has first and second connecting locations, which are said second restraint section being arranged so that a distance between said first and second connecting locations of the second restraint section can be changed.

11.(original) The restraint system as recited in Claim 1, wherein at least one of said rail engaging component and said cage engaging component comprises a positioning component having two spaced surface portions that are arranged to engage spaced contact locations of one said rail

element or said cage element, and a clamping component to engage said one of the rail element or the cage element in the clamping position, a fastener to engage said positioning component and said clamping component to press said clamping component into clamping engagement in the clamping position.

12.(currently amended) The restraint system as recited in Claim 11, wherein said one of said rail engaging component and said cage engaging component comprises an elongate element having a right angle ~~configurations~~ configuration where there are two flanges at right angles to one another, said positioning component having first and second positioning portions having a right angle configuration and are arranged to engage the surfaces of the right angle element that have an outside angle of about 445 270 degrees with respect to one another.

13.(original) The restraint system as recited in Claim 12, wherein said clamping component has two clamping portions connected to one another at a right angle, and having a configuration to engage surfaces of said right angle element that make an angle between each other of about 90 degrees.

14.(currently amended) The restraint system as recited in Claim 11; wherein said positioning component and said clamping component are arranged to engage an elongate element having three outer surface contact locations, said positioning component comprising two positioning portions which join each other at an angle other than a straight angle, and having adjacent surfaces of less than the 180 degree angle and which have two

contact locations, said clamping ~~member~~ component having a contact surface portion that is positioned to engage said third contact location of the elongate element and press the elongate element into a clamping engagement so as to be clamped between the two contact surface portions of the positioning ~~member~~ component and the contact surface portion of the clamping member.

15.(original) The restraint system as recited in Claim 14, wherein said clamping component has a first connecting location which is mechanically connected to said positioning element, and a second connecting location where a fastener engages said clamping element and said positioning element, said fastener being arranged to exert a force on said clamping element to move the clamping element into clamping engagement.

16.(original) The restraint system as recited in Claim 15, wherein said clamping component further comprises an adjustable clamping contact member being capable of connecting to said clamping component at different clamping locations so as to accommodate elongate elements of different sizes.

17.(new) A combination of a ladder system and a fall restraint system, said combination comprising:

- a) said ladder system comprising: a platform, a ladder extending upwardly from said platform, a safety cage extending around said ladder and having a cage element located at a first elevation above said platform, a guard rail extending at least

partly around said platform and having a rail element positioned at an elevation above said platform and below said cage element so that there is an open region located between said rail element and said cage element;

- b) said fall restraint system comprising: a plurality of restraint sections which are connected to be able to be extended or retracted to a selected operating position, and which are located at spaced locations at said open region and are at selected operating positions relative to the rail element and the cage element, each restraint section comprising:
 - i) an elongate restraint component having first and second end portions which are positioned between said cage element and said rail element;
 - ii) a rail connecting component mechanically attached to the first end portion of the restraint component to the rail element;
 - iii) a cage connecting component mechanically attached to the second end of the portion of the restraint component to the cage element.

18.(new) The combination as recited in Claim 17 wherein each restraint section comprises:

- a) a generally vertical first restraint section having a substantial vertical alignment component and being adapted to be connected to said rail element so as to extend upwardly therefrom;

- b) a generally horizontal second restraint section having a substantial horizontal alignment component and adapted to be connected between an upper portion of said first restraint portion and to extend to said cage element and be connected thereto.

19.(new) The combination as recited in Claim 18, wherein said first restraint section is arranged to be extendable and retractable along a first lengthwise axis having a substantial vertical alignment component.

20.(new) The combination as recited in Claim 19, wherein said cage engaging restraint section is arranged to be positioned at different angular positions extending between the rail engaging restraint section and the cage element.